Program 313 - Water Supply and Distribution

Program Performance Statement

Supply the community with safe and reliable water at competitive prices funded through user fees, by:

- -Managing water resources in a safe, reliable and cost-effective manner through management of contracts with major wholesale water providers, San Francisco Public Utilities Commission (SFPUC) and Santa Clara Valley Water District (SCVWD), and effective utilization of conservation programs, recycled water and City-owned wells,
- -Managing the operation, maintenance and construction of the distribution system infrastructure to ensure reliable delivery of water that meets all quality and health standards,
- -Responding to water system emergencies in a timely manner,
- -Monitoring water quality, and
- -Providing administrative and support services to promote customer satisfaction and confidence.

<u>Notes</u>

Program 313 - Water Supply and Distribution

| Program Measures | | 2006/2007 | 2007/2008 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------|---------------------------|
| | Priority | Proposed | Proposed |
| <u>Quality</u> | | | |
| Water samples are collected and tested in compliance with Health Department regulations. Percent of Samples In Compliance Minimum Number of Samples | M | 99.95% 2,200.00 | 99.95% 2,200.00 |
| * Gross per capita water usage, based upon purchases from Sunnyvale's three potable sources (SFPUC, SCVWD, groundwater) shall not exceed the average of the previous five years, exclusive of drought years. - Average Per Capita Usage During Last 5 Years (In Gallons Per Day) | I | 164.00 | 164.00 |
| Number of confirmed water quality complaints is below the median as reported by the American Water Works Association (AWWA) on the Qualserve Performance Indicators Survey (5.9). - Median Number of Quality Complaints Per AWWA Survey | D | 5.90 | 5.90 |
| * Customers are satisfied with the City's water supply and distribution services (based on City-wide Survey). - Percent of Customers Satisfied | D | 80.00% | 80.00% |
| Productivity | | | |
| * Annual backflow device inspections are completed as scheduled. - Percent of Inspections Completed as Scheduled - Number of Backflow Devices | M | 90.00% 2,800.00 | 90.00% 2,800.00 |
| Recycled water customers are re-tested every four years for cross-connection control. Percent of Scheduled Sites Re-Tested Number of Scheduled Sites | M | 95.00% 20.00 | 95.00% 20.00 |
| * Water service is restored within 24 hours when emergency repairs are required. - Percent of Services Restored Within 24 Hours - Number of Repairs | С | 95.00% 16.00 | 95.00% 16.00 |
| * Annual maintenance activities of the potable water distribution and supply system are completed as scheduled. - Percent of Maintenance Activities Completed - Number of Annual Maintenance Activities | D | 90.00% 8,788.00 | 90.00% 8,788.00 |
| <u>Cost Effectiveness</u> | | | |
| During years when non-contract water is available from SCVWD, the cost per acre foot of water purchased during the year is less than the average contract cost per acre foot from all water sources. Average Cost Per Acre Foot from All Sources | I | \$487.67 | \$487.67 |
| <u>Financial</u> | | | |

Program 313 - Water Supply and Distribution

| Program Measures | | 2006/2007 | 2007/2008 |
|-------------------------------------------------------------------------------------------------------------|----------|-----------------|-----------------|
| | Priority | Proposed | Proposed |
| <u>Financial</u> | | | |
| * Actual total expenditures for Water Supply and Distribution will not exceed planned program expenditures. | C | | |
| - Total Program Expenditures | | \$17,950,728.67 | \$18,515,968.82 |

Priority Legend

M: Mandatory

C: Council Highest Priority

I: Important

D: Desirable

Program 313 - Water Supply and Distribution

Service Delivery Plan 31301 - Potable Water Resources

Supply water to meet customer needs by managing the available sources of water in a proactive, dependable, and cost-effective manner, by:

-Optimizing the purchase of potable water to meet demand and maximize savings while meeting contractual obligations.

Program 313 - Water Supply and Distribution

Service Delivery Plan 31301 - Potable Water Resources

| | 2006/2007 Proposed | 2007/2008 Proposed |
|--------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313100 - San Francisco Water District (SFWD) - Water Purchased for Resale | | |
| Product: An Acre Foot | | |
| Costs: | \$5,946,293.66 | \$6,219,348.39 |
| Products: | 12,018.00 | 12,018.00 |
| Work Hours: | 12.00 | 12.00 |
| Product Cost: | \$494.78 | \$517.50 |
| Work Hours/Product: | 0.00 | 0.00 |
| Activity 313110 - San Francisco Water District (SFWD) - Monthly Water Service Charges | | |
| Product: A Service Charge | | |
| Costs: | \$268,327.66 | \$268,361.39 |
| Products: | 12.00 | 12.00 |
| Work Hours: | 12.00 | 12.00 |
| Product Cost: | \$22,360.64 | \$22,363.45 |
| Work Hours/Product: | 1.00 | 1.00 |
| Activity 313120 - San Francisco Water District (SFWD) - Power Usage for Water Distribution | n | |
| Product: A Kilowatt Hour | | |
| Costs: | \$200,727.81 | \$204,739.62 |
| Products: | 1,535,200.00 | 1,535,200.00 |
| Work Hours: | 12.00 | 12.00 |
| Product Cost: | \$0.13 | \$0.13 |
| Work Hours/Product: | 0.00 | 0.00 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31301 - Potable Water Resources

| | | 2006/2007 Proposed | 2007/2008 Proposed |
|-------------------------------------|--------------------------------------------------------------------------|-----------------------|-----------------------|
| A 41 14 242420 C 4 CL TV II | W + D' + ' + (CCVWD) W + D 1 10 D 1 + C + + D | rroposeu | Froposeu |
| * | ey Water District (SCVWD) - Water Purchased for Resale at Contract Price | | |
| Product: A | an Acre Foot | | |
| | Costs: | \$5,368,111.66 | \$5,518,625.39 |
| | Products: | 10,032.00 | 10,032.00 |
| | Work Hours: | 12.00 | 12.00 |
| | Product Cost: | \$535.10 | \$550.10 |
| | Work Hours/Product: | 0.00 | 0.00 |
| Activity 313150 - Santa Clara Valle | ey Water District (SCVWD) - Power Usage for Water Distribution | | |
| Product: A | Kilowatt Hour | | |
| | Costs: | \$17,215.81 | \$17,557.38 |
| | Products: | 111,012.00 | 111,012.00 |
| | Work Hours: | 12.00 | 12.00 |
| | Product Cost: | \$0.16 | \$0.16 |
| | Work Hours/Product: | 0.00 | 0.00 |
| Activity 313160 - Wells - Water fro | om Well Production (paid to SCVWD) | | |
| Product: A | an Acre Foot | | |
| | Costs: | \$1,648,336.66 | \$1,705,175.39 |
| | Products: | 3,290.00 | 3,290.00 |
| | Work Hours: | 12.00 | 12.00 |
| | Product Cost: | \$501.01 | \$518.29 |
| | Work Hours/Product: | 0.00 | 0.00 |
| | | | |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31301 - Potable Water Resources

| | 2006/2007 Proposed | 2007/2008 Proposed |
|------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313170 - Wells - Power Usage for Water Extraction | | |
| Product: A Kilowatt Hour | | |
| Costs: | \$261,120.31 | \$266,339.97 |
| Products: | 1,195,263.00 | 1,195,263.00 |
| Work Hours: | 12.00 | 12.00 |
| Product Cost: | \$0.22 | \$0.22 |
| Work Hours/Product: | 0.00 | 0.00 |
| Totals for Service Delivery Plan 31301 - Potable Water Resources | | |
| Costs: | \$13,710,133.57 | \$14,200,147.53 |
| Hours: | 84.00 | 84.00 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31302 - Operation and Maintenance of Water Control

Monitor and control the Water Supply and Distribution Systems to ensure adequate water supply for drinking and firefighting purposes, by:

- -Using city wells, pumping stations and reservoir capacities in the most cost-effective manner to manage demand and maintain system pressure at all times,
- -Maintaining and repairing water wells, pump stations and reservoir facilities and equipment, and
- -Utilizing water conservation programs to manage customer demand.

Program 313 - Water Supply and Distribution

Service Delivery Plan 31302 - Operation and Maintenance of Water Control

| | 2006/2007 Proposed | 2007/2008 Proposed |
|------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313200, 313201, 313202, 313203, 313204, 313205 - Supervisory Control and Data Acquisition (SCADA) | System Operations | |
| Product: An Activity Completed | | |
| Costs: | \$266,288.00 | \$270,682.92 |
| Products: | 1,810.00 | 1,810.00 |
| Work Hours: | 4,287.00 | 4,287.00 |
| Product Cost: | \$147.12 | \$149.55 |
| Work Hours/Product: | 2.37 | 2.37 |
| Activity 313210, 313211, 313212, 313213, 313214, 313215 - Maintenance of Sites | | |
| Product: An Activity Completed | | |
| Costs: | \$174,592.85 | \$177,497.75 |
| Products: | 1,005.00 | 1,005.00 |
| Work Hours: | 3,025.00 | 3,025.00 |
| Product Cost: | \$173.72 | \$176.61 |
| Work Hours/Product: | 3.01 | 3.01 |
| Activity 313220, 313221, 313222, 313223, 313224, 313225 - Maintenance of Tanks | | |
| Product: An Activity Completed | | |
| Costs: | \$189,559.58 | \$192,726.60 |
| Products: | 820.00 | 820.00 |
| Work Hours: | 3,140.00 | 3,140.00 |
| Product Cost: | \$231.17 | \$235.03 |
| Work Hours/Product: | 3.83 | 3.83 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31302 - Operation and Maintenance of Water Control

| | 2006/2007 Proposed | 2007/2008 Proposed |
|--------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313230, 313231, 313232 - Maintenance of Wells | | |
| Product: An Activity Completed | | |
| Costs: | \$53,817.64 | \$54,726.71 |
| Products: | 1,160.00 | 1,160.00 |
| Work Hours: | 856.00 | 856.00 |
| Product Cost: | \$46.39 | \$47.18 |
| Work Hours/Product: | 0.74 | 0.74 |
| Activity 313240, 313241, 313242, 313243 - Repairs of Sites | | |
| Product: A Repair Completed | | |
| Costs: | \$69,172.38 | \$70,368.38 |
| Products: | 138.00 | 138.00 |
| Work Hours: | 939.00 | 939.00 |
| Product Cost: | \$501.25 | \$509.92 |
| Work Hours/Product: | 6.80 | 6.80 |
| Activity 313250, 313251, 313252, 313253, 313254 - Repairs of Tanks | | |
| Product: A Repair Completed | | |
| Costs: | \$42,282.18 | \$42,983.28 |
| Products: | 63.00 | 63.00 |
| Work Hours: | 675.00 | 675.00 |
| Product Cost: | \$671.15 | \$682.27 |
| Work Hours/Product: | 10.71 | 10.71 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31302 - Operation and Maintenance of Water Control

| | 2006/2007 Proposed | 2007/2008 Proposed |
|----------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313260 - Water Conservation Activities (Attend Meetings, Prepare Documentation to Support City BMP's) | Troposeu | Troposeu |
| Product: A Work Hour | | |
| Costs: | \$16,537.50 | \$16,873.86 |
| Products: | 200.00 | 200.00 |
| Work Hours: | 200.00 | 200.00 |
| Product Cost: | \$82.69 | \$84.37 |
| Work Hours/Product: | 1.00 | 1.00 |
| Totals for Service Delivery Plan 31302 - Operation and Maintenance of Water Control | | |
| Costs: | \$812,250.13 | \$825,859.50 |
| Hours: | 13,122.00 | 13,122.00 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31303 - Maintenance and Repair Water Distribution System

Ensure delivery of a safe, reliable and aesthetically acceptable supply of water to customers, by:

- -Performing maintenance of distribution system components and infrastructure on a monthly or annual basis, as required, and
- -Performing repairs of distribution system components and infrastructure, as needed.

Program 313 - Water Supply and Distribution

Service Delivery Plan 31303 - Maintenance and Repair Water Distribution System

| | 2006/2007 Proposed | 2007/2008 Proposed |
|--------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313300, 313301, 313302, 313303 - Maintenance of Fire Hydrants | | |
| Product: An Activity Completed | | |
| Costs: | \$86,073.76 | \$87,586.91 |
| Products: | 1,636.00 | 1,636.00 |
| Work Hours: | 1,165.00 | 1,165.00 |
| Product Cost: | \$52.61 | \$53.54 |
| Work Hours/Product: | 0.71 | 0.71 |
| Activity 313310, 313311, 313312, 313313 - Maintenance of Valves | | |
| Product: An Activity Completed | | |
| Costs: | \$122,266.45 | \$124,226.02 |
| Products: | 4,111.00 | 4,111.00 |
| Work Hours: | 1,919.00 | 1,919.00 |
| Product Cost: | \$29.74 | \$30.22 |
| Work Hours/Product: | 0.47 | 0.47 |
| Activity 313320, 313321, 313322, 313323, 313324, 313325, 313326, 313327 - Repairs of System Components | | |
| Product: A Repair Completed | | |
| Costs: | \$417,264.80 | \$424,684.94 |
| Products: | 5,452.00 | 5,452.00 |
| Work Hours: | 4,428.50 | 4,428.50 |
| Product Cost: | \$76.53 | \$77.90 |
| Work Hours/Product: | 0.81 | 0.81 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31303 - Maintenance and Repair Water Distribution System

| | 2006/2007 Proposed | 2007/2008 Proposed |
|-------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313330, 313331, 313332 - Operational Maintenance | | 1100000 |
| Product: An Activity Completed | | |
| Costs: | \$83,979.41 | \$85,416.61 |
| Products: | 300.00 | 300.00 |
| Work Hours: | 1,000.00 | 1,000.00 |
| Product Cost: | \$279.93 | \$284.72 |
| Work Hours/Product: | 3.33 | 3.33 |
| Totals for Service Delivery Plan 31303 - Maintenance and Repair Water Distribution System | | |
| Costs: | \$709,584.42 | \$721,914.48 |
| Hours: | 8,512.50 | 8,512.50 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31304 - Water Metering Services

Provide accurate and reliable water metering to both City and residents and to protect City water system from contamination, by:

- -Installing, testing, repairing and replacing meters of different sizes and purposes,
- -Installing, maintaining and repairing backflow devices for City-owned systems, and monitoring their operational performance, and
- -Actively monitoring and reporting proper operational specifications of privately-owned backflow devices are tested to maintain compliance.

Program 313 - Water Supply and Distribution

Service Delivery Plan 31304 - Water Metering Services

| | 2006/2007 Proposed | 2007/2008 Proposed |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313400, 313401, 313402, 313403 - Meter Installation | | - |
| Product: An Activity Completed | | |
| Costs: | \$75,033.43 | \$76,394.61 |
| Products: | 160.00 | 160.00 |
| Work Hours: | 511.00 | 511.00 |
| Product Cost: | \$468.96 | \$477.47 |
| Work Hours/Product: | 3.19 | 3.19 |
| Activity 313410, 313411, 313412, 313413 - Vaults and Lids | | |
| Product: An Activity Completed | | |
| Costs: | \$84,151.08 | \$85,542.66 |
| Products: | 2,000.00 | 2,000.00 |
| Work Hours: | 1,396.00 | 1,396.00 |
| Product Cost: | \$42.08 | \$42.77 |
| Work Hours/Product: | 0.70 | 0.70 |
| Activity 313420, 313421, 313422, 313423, 313424 - Meter Testing | | |
| Product: A Test Completed | | |
| Costs: | \$42,768.51 | \$43,437.40 |
| Products: | 500.00 | 500.00 |
| Work Hours: | 713.00 | 713.00 |
| Product Cost: | \$85.54 | \$86.87 |
| Work Hours/Product: | 1.43 | 1.43 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31304 - Water Metering Services

| | 2006/2007 Proposed | 2007/2008 Proposed |
|---------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313430, 313431, 313432, 313433, 313434, 313435 - Meter Repair/Replacement | | |
| Product: A Repair/Replacement Completed | | |
| Costs: | \$449,522.90 | \$457,972.90 |
| Products: | 2,500.00 | 2,500.00 |
| Work Hours: | 2,538.00 | 2,538.00 |
| Product Cost: | \$179.81 | \$183.19 |
| Work Hours/Product: | 1.02 | 1.02 |
| Activity 313440, 313441, 313442, 313443 - Backflow Devices | | |
| Product: An Activity Completed | | |
| Costs: | \$15,195.22 | \$15,473.70 |
| Products: | 177.00 | 177.00 |
| Work Hours: | 115.00 | 115.00 |
| Product Cost: | \$85.85 | \$87.42 |
| Work Hours/Product: | 0.65 | 0.65 |
| Activity 313450, 313451, 313452 - Fire Service Detector Check Assembly (Mechanical Device Detects Leaks | s, Prevents Backflow) | |
| Product: A Device Repaired/Replaced | | |
| Costs: | \$5,866.95 | \$5,963.19 |
| Products: | 10.00 | 10.00 |
| Work Hours: | 89.00 | 89.00 |
| Product Cost: | \$586.70 | \$596.32 |
| Work Hours/Product: | 8.90 | 8.90 |
| | | |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31304 - Water Metering Services

| | 2006/2007 Proposed | 2007/2008 Proposed |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313460, 313461, 313462, 313463 - Backflow Devices Compliance Activities | Troposcu | Торозси |
| Product: An Activity Completed | | |
| Costs: | \$123,712.19 | \$125,824.78 |
| | | |
| Products: | 3,000.00 | 3,000.00 |
| Work Hours: | 2,408.00 | 2,408.00 |
| Product Cost: | \$41.24 | \$41.94 |
| Work Hours/Product: | 0.80 | 0.80 |
| Activity 313470, 313471, 313472 - Operational Maintenance | | |
| Product: An Activity Completed | | |
| Costs: | \$27,878.47 | \$28,333.89 |
| Products: | 520.00 | 520.00 |
| Work Hours: | 379.00 | 379.00 |
| Product Cost: | \$53.61 | \$54.49 |
| Work Hours/Product: | 0.73 | 0.73 |
| Totals for Service Delivery Plan 31304 - Water Metering Services | | |
| Costs: | \$824,128.75 | \$838,943.13 |
| Hours: | 8,149.00 | 8,149.00 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31305 - Recycled Water System

Ensure reliability and performance of Recycled Water System, by:

- -Performing preventive maintenance of recycled water distribution system components and infrastructure on a monthly or annual basis, as required,
- -Performing repairs of recycled water distribution system components, as needed, and
- -Optimizing the availability of recycled water to meet demand and maximize savings.

Program 313 - Water Supply and Distribution

Service Delivery Plan 31305 - Recycled Water System

| Product: An Activity Completed Costs: \$11,204.08 \$11,387.86 Products: 10.00 10.00 Work Hours: 177.00 177.00 Product Cost: \$1,120.41 \$1,138.79 Work Hours/Product: 17.70 17.70 | | 2006/2007 Proposed | 2007/2008 Proposed |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Costs: State | Activity 313500, 313501, 313502, 313503 - Recycled Water System Components Installation | | |
| Products: 10.00 10.00 Work Hours: 177.00 177.00 Product Cost: \$1,120.41 \$1,138.79 Work Hours/Product: 17.70 17.70 Activity 313510, 313511, 313512, 313513 - Recycled Water System Components Testing Product: An Activity Completed \$15,981.82 \$16,221.74 Products: 45.00 45.00 45.00 Work Hours: 274.00 274.00 274.00 Activity 313520, 313521, 313522, 313523, 313524, 313525, 313526, 313527 - Recycled Water System Components Maintenance Product: \$5,030.98 \$5,113.42 Products: \$389.00 389.00 389.00 Work Hours: 79.00 79.00 Product Cost: \$12.93 \$13.15 | Product: An Activity Completed | | |
| Product Cost: \$1,120.41 \$1,138.79 Work Hours/Product: 17.70 17.70 17.70 | Costs: | \$11,204.08 | \$11,387.86 |
| Product Cost: Work Hours/Product: \$1,120.41 \$1,138.79 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17 | Products: | 10.00 | 10.00 |
| Nork Hours/Product: 17.70 17.70 17.70 | Work Hours: | 177.00 | 177.00 |
| Activity 313510, 313511, 313512, 313513 - Recycled Water System Components Testing Product: An Activity Completed \$15,981.82 \$16,221.74 Products: \$15,981.82 \$16,221.74 Products: \$45.00 \$45.00 Work Hours: \$355.15 \$360.48 Work Hours/Product: 6.09 6.09 Activity 313520, 313521, 313522, 313523, 313524, 313525, 313526, 313527 - Recycled Water System Components Maintenance Product: Product: An Activity Completed \$5,030.98 \$5,113.42 Products: 389.00 389.00 Work Hours: 79.00 79.00 Product Cost: \$12.93 \$13.15 | Product Cost: | \$1,120.41 | \$1,138.79 |
| Product: An Activity Completed Costs: \$15,981.82 \$16,221.74 Products: 45.00 45.00 Work Hours: 274.00 274.00 Product Cost: \$355.15 \$360.48 Work Hours/Product: 6.09 6.09 Activity 313520, 313521, 313522, 313523, 313524, 313525, 313526, 313527 - Recycled Water System Components Maintenance Product: S5,030.98 \$5,113.42 Product: Costs: \$5,030.98 \$5,113.42 Product: 389.00 389.00 Work Hours: 79.00 79.00 Product Cost: \$12.93 \$13.15 | Work Hours/Product: | 17.70 | 17.70 |
| Costs: \$15,981.82 \$16,221.74 Products: 45.00 Work Hours: 274.00 Product Cost: \$3355.15 \$360.48 Work Hours/Product: 6.09 Activity 313520, 313521, 313522, 313523, 313524, 313525, 313526, 313527 - Recycled Water System Components Maintenance Product: An Activity Completed Costs: \$5,030.98 \$5,113.42 Products: 389.00 389.00 Work Hours: 79.00 Product Cost: \$12.93 \$13.15 | Activity 313510, 313511, 313512, 313513 - Recycled Water System Components Testing | | |
| Products: 45.00 Work Hours: 274.00 Work Hours: \$355.15 \$360.48 Work Hours/Product: 6.09 6.09 Activity 313520, 313521, 313522, 313523, 313524, 313525, 313526, 313527 - Recycled Water System Components Maintenance Product: An Activity Completed Costs: \$5,030.98 \$5,113.42 Products: 389.00 389.00 Work Hours: 79.00 79.00 Product Cost: \$12.93 \$13.15 | Product: An Activity Completed | | |
| Work Hours: 274.00 274.00 Product Cost: \$355.15 \$360.48 Work Hours/Product: 6.09 6.09 Activity 313520, 313521, 313522, 313523, 313524, 313525, 313526, 313527 - Recycled Water System Components Maintenance Product: An Activity Completed Costs: \$5,030.98 \$5,113.42 Products: 389.00 389.00 Work Hours: 79.00 79.00 Product Cost: \$12.93 \$13.15 | Costs: | | \$16,221.74 |
| Product Cost: \$355.15 \$360.48 Work Hours/Product: 6.09 6.09 Activity 313520, 313521, 313522, 313523, 313524, 313525, 313526, 313527 - Recycled Water System Components Maintenance Product: An Activity Completed Costs: \$5,030.98 \$5,113.42 Products: 389.00 389.00 Work Hours: 79.00 79.00 Product Cost: \$12.93 \$13.15 | | 45.00 | 45.00 |
| Work Hours/Product: 6.09 6.09 Activity 313520, 313521, 313522, 313523, 313524, 313525, 313526, 313527 - Recycled Water System Components Maintenance Product: An Activity Completed Costs: \$5,030.98 \$5,113.42 Products: 389.00 389.00 Work Hours: 79.00 79.00 Product Cost: \$12.93 \$13.15 | Work Hours: | 274.00 | 274.00 |
| Activity 313520, 313521, 313522, 313523, 313524, 313525, 313526, 313527 - Recycled Water System Components Maintenance Product: An Activity Completed Costs: \$5,030.98 \$5,113.42 Products: 389.00 389.00 Work Hours: 79.00 79.00 Product Cost: \$12.93 \$13.15 | Product Cost: | \$355.15 | \$360.48 |
| Product: An Activity Completed Costs: \$5,030.98 \$5,113.42 Products: 389.00 389.00 Work Hours: 79.00 79.00 Product Cost: \$12.93 \$13.15 | Work Hours/Product: | 6.09 | 6.09 |
| Costs: \$5,030.98 \$5,113.42 Products: 389.00 389.00 Work Hours: 79.00 79.00 Product Cost: \$12.93 \$13.15 | Activity 313520, 313521, 313522, 313523, 313524, 313525, 313526, 313527 - Recycled Water System Component | ents Maintenance | |
| Products: 389.00 389.00 Work Hours: 79.00 79.00 Product Cost: \$12.93 \$13.15 | Product: An Activity Completed | | |
| Work Hours: 79.00 79.00 Product Cost: \$12.93 \$13.15 | Costs: | \$5,030.98 | \$5,113.42 |
| Product Cost: \$12.93 \$13.15 | Products: | 389.00 | 389.00 |
| | Work Hours: | 79.00 | 79.00 |
| Work Hours/Product: 0.20 0.20 | Product Cost: | \$12.93 | \$13.15 |
| | Work Hours/Product: | 0.20 | 0.20 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31305 - Recycled Water System

| Activity 313530, 313531, 313532, 313533, 313534, 313535, 313536, 313537, 313538 - Recycled Water System Components Repairs/Replated | 007 2007/2008 sed Proposed |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Costs: \$2,871. | cement |
| | |
| Products: 120. | .73 \$2,918.78 |
| | .00 120.00 |
| Work Hours: 45. | .00 45.00 |
| Product Cost: \$23. | .93 \$24.33 |
| Work Hours/Product: 0. | .38 0.38 |
| Activity 313540, 313541, 313542, 313543 - Recycled Water Backflow Devices | |
| Product: An Activity Completed | |
| Costs: \$969. | .96 \$985.98 |
| Products: 10. | .00 10.00 |
| Work Hours: 16. | .00 16.00 |
| Product Cost: \$97. | .00 \$98.60 |
| Work Hours/Product: 1. | .60 1.60 |
| Activity 313550, 313551, 313552, 313553 - Recycled Water Backflow Device Compliance Activities | |
| Product: An Activity Completed | |
| Costs: \$16,363. | .00 \$16,631.68 |
| Products: 90. | .00 90.00 |
| Work Hours: 260. | .00 260.00 |
| Product Cost: \$181. | .81 \$184.80 |
| Work Hours/Product: 2. | .89 2.89 |

City of Sunnyvale

Program Performance Budget

Program 313 - Water Supply and Distribution

Service Delivery Plan 31305 - Recycled Water System

| | 2006/2007 Proposed | 2007/2008 Proposed |
|------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313560, 313561, 313562 - Operational Maintenance | | |
| Product: An Activity Completed | | |
| Costs: | \$9,601.13 | \$9,757.79 |
| Products: | 104.00 | 104.00 |
| Work Hours: | 147.00 | 147.00 |
| Product Cost: | \$92.32 | \$93.82 |
| Work Hours/Product: | 1.41 | 1.41 |
| Activity 313570 - Recycled Water Coordination Activities - (Meetings, Documentation to Support Site Evaluations, | Permit Process) | |
| Product: A Work Hour | | |
| Costs: | \$23,873.45 | \$24,292.28 |
| Products: | 238.00 | 238.00 |
| Work Hours: | 238.00 | 238.00 |
| Product Cost: | \$100.31 | \$102.07 |
| Work Hours/Product: | 1.00 | 1.00 |
| Activity 313580 - Recycled Water Power Usage - To Fill, Pump and Operate San Lucar Water Plant | | |
| Product: A Kilowatt Hour | | |
| Costs: | \$31,222.81 | \$31,844.52 |
| Products: | 233,840.00 | 233,840.00 |
| Work Hours: | 12.00 | 12.00 |
| Product Cost: | \$0.13 | \$0.14 |
| Work Hours/Product: | 0.00 | 0.00 |
| Totals for Service Delivery Plan 31305 - Recycled Water System | | |
| Costs: | \$117,118.96 | \$119,154.05 |
| Hours: | 1,248.00 | 1,248.00 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31306 - Emergency Response

Respond to water system emergencies in a timely manner to avoid property damage, ensure system reliability and protect the health of the community, by:

- -Providing rapid response to emergencies in the water system within approximately 30 minutes of call out,
- -Providing emergency repairs to potable and recycled water system components within 24 hours, and
- -Responding to citizen service requests outside of normal work hours within approximately 60 minutes of call out.

Program 313 - Water Supply and Distribution

Service Delivery Plan 31306 - Emergency Response

| | | 2006/2007 Proposed | 2007/2008 Proposed |
|------------------------------------|-----------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313600 313601 313602 3 | 313603, 313604, 313605, 313606 - Emergency Repairs - Sheared Hydrants | Troposeu | Тторозец |
| | An Emergency Request Completed | | |
| Troduct. | Costs: | \$109,879.86 | \$111,677.24 |
| | Products: | 120.00 | 120.00 |
| | Work Hours: | 1,806.00 | 1,806.00 |
| | Product Cost: | \$915.67 | \$930.64 |
| | Work Hours/Product: | 15.05 | 15.05 |
| Activity 313610, 313611, 313612, 3 | 313613 - Emergency Repairs - System Appurtenances | | |
| Product: A | An Emergency Request Completed | | |
| | Costs: | \$18,117.31 | \$18,416.06 |
| | Products: | 5.00 | 5.00 |
| | Work Hours: | 296.00 | 296.00 |
| | Product Cost: | \$3,623.46 | \$3,683.21 |
| | Work Hours/Product: | 59.20 | 59.20 |
| Activity 313620, 313621, 313622 - | Emergency Repairs - Water Service | | |
| Product: A | An Emergency Request Completed | | |
| | Costs: | \$245,671.32 | \$249,623.37 |
| | Products: | 120.00 | 120.00 |
| | Work Hours: | 4,086.00 | 4,086.00 |
| | Product Cost: | \$2,047.26 | \$2,080.19 |
| | Work Hours/Product: | 34.05 | 34.05 |
| | | | |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31306 - Emergency Response

| | 2006/2007 Proposed | 2007/2008 Proposed |
|---------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313630, 313631, 313632 - Emergency Repairs - Water Mains | | |
| Product: An Emergency Request Completed | | |
| Costs: | \$68,298.35 | \$69,312.86 |
| Products: | 20.00 | 20.00 |
| Work Hours: | 1,075.00 | 1,075.00 |
| Product Cost: | \$3,414.92 | \$3,465.64 |
| Work Hours/Product: | 53.75 | 53.75 |
| Activity 313640, 313641, 313642 - Emergency Repairs - Pump Stations | | |
| Product: An Emergency Request Completed | | |
| Costs: | \$12,006.17 | \$12,204.64 |
| Products: | 4.00 | 4.00 |
| Work Hours: | 199.00 | 199.00 |
| Product Cost: | \$3,001.54 | \$3,051.16 |
| Work Hours/Product: | 49.75 | 49.75 |
| Activity 313650, 313651, 313652 - Emergency Repairs - Meters | | |
| Product: An Emergency Request Completed | | |
| Costs: | \$16,232.02 | \$16,499.39 |
| Products: | 6.00 | 6.00 |
| Work Hours: | 263.00 | 263.00 |
| Product Cost: | \$2,705.34 | \$2,749.90 |
| Work Hours/Product: | 43.83 | 43.83 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31306 - Emergency Response

| | 2006/2007 Proposed | 2007/2008 Proposed |
|------------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313660, 313661, 313662 - Emergency Repairs - Backflow Devices | | |
| Product: An Emergency Request Completed | | |
| Costs: | \$7,465.09 | \$7,587.89 |
| Products: | 6.00 | 6.00 |
| Work Hours: | 120.00 | 120.00 |
| Product Cost: | \$1,244.18 | \$1,264.65 |
| Work Hours/Product: | 20.00 | 20.00 |
| Totals for Service Delivery Plan 31306 - Emergency Response | | |
| Costs: | \$477,670.12 | \$485,321.45 |
| Hours: | 7,845.00 | 7,845.00 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31307 - Service Response

Provide additional services, as requested, by:

- -Providing water quality-related services, as requested, by inside and outside customers,
- -Performing taps to main lines for new services, as requested,
- -Checking plans and drawings for compliance with City standards for private and public projects, and
- -Providing field inspections, as requested, by inside and outside customers.

Program 313 - Water Supply and Distribution

Service Delivery Plan 31307 - Service Response

| | | 2006/2007 Proposed | 2007/2008 |
|-------------------------------------|---------------------------------------------------------------------------|-----------------------|--------------|
| Activity 313700, 313701, 313702, 31 | 12702 212704 Woton Ovolity | | Proposed |
| | · · · · · · · · · · · · · · · · · · · | | |
| Product: A | n Activity Completed | 000 (05 1 7 (| ФООО ОСТ 46 |
| | Costs: | \$226,254.76 | \$230,261.46 |
| | Products: | 38,320.00 | 38,320.00 |
| | Work Hours: | 3,157.00 | 3,157.00 |
| | Product Cost: | \$5.90 | \$6.01 |
| | Work Hours/Product: | 0.08 | 0.08 |
| Activity 313710 - Perform Taps (Ta | ap Hole in Water Main to Provide New Service Connection) | | |
| Product: A | Tap Completed | | |
| | Costs: | \$13,213.14 | \$13,431.24 |
| | Products: | 25.00 | 25.00 |
| | Work Hours: | 217.00 | 217.00 |
| | Product Cost: | \$528.53 | \$537.25 |
| | Work Hours/Product: | 8.68 | 8.68 |
| Activity 313720 - Patch Work Follo | ow-Up by Streets Staff (Street Patch After Water Service or Main Repairs) | | |
| Product: A | Square Foot Patch Completed | | |
| | Costs: | \$35,150.29 | \$35,638.07 |
| | Products: | 8,900.00 | 8,900.00 |
| | Work Hours: | 656.00 | 656.00 |
| | Product Cost: | \$3.95 | \$4.00 |
| | Work Hours/Product: | 0.07 | 0.07 |
| | | | |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31307 - Service Response

| | | 2006/2007 Proposed | 2007/2008 Proposed |
|-----------------------------------|--------------------------------------------------------|-----------------------|-----------------------|
| A ativity 212730 212721 212722 | 313733, 313734 - Plan/Field Checking | Troposed | Troposeu |
| • | | | |
| Product: | An Occasion | ¢52.160.26 | ¢54.020.07 |
| | Costs: | \$53,169.26 | \$54,029.87 |
| | Products: | 116.00 | 116.00 |
| | Work Hours: | 771.50 | 771.50 |
| | Product Cost: | \$458.36 | \$465.77 |
| | Work Hours/Product: | 6.65 | 6.65 |
| Activity 313740 - Provide Fabrica | ation/Equipment Repair | | |
| Product: | A Fabrication / Repair Completed | | |
| | Costs: | \$82,626.22 | \$83,980.91 |
| | Products: | 200.00 | 200.00 |
| | Work Hours: | 1,200.00 | 1,200.00 |
| | Product Cost: | \$413.13 | \$419.90 |
| | Work Hours/Product: | 6.00 | 6.00 |
| Activity 313750, 313751, 313752, | 313753, 313754, 313755 - Customer Requested Activities | | |
| Product: | A Service Request Completed | | |
| | Costs: | \$115,786.85 | \$117,727.12 |
| | Products: | 1,500.00 | 1,500.00 |
| | Work Hours: | 1,914.00 | 1,914.00 |
| | Product Cost: | \$77.19 | \$78.48 |
| | Work Hours/Product: | 1.28 | 1.28 |
| | | 1.20 | 1.20 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31307 - Service Response

| | 2006/2007 Proposed | 2007/2008 Proposed |
|-----------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Activity 313760 - Utility Locates - Locating of Underground Utilities for Excavation Purposes | | |
| Product: A Locate Completed | | |
| Costs: | \$39,098.60 | \$39,745.42 |
| Products: | 1,900.00 | 1,900.00 |
| Work Hours: | 650.00 | 650.00 |
| Product Cost: | \$20.58 | \$20.92 |
| Work Hours/Product: | 0.34 | 0.34 |
| Activity 313770, 313771, 313772 - Stand-by Duty | | |
| Product: A Work Hour | | |
| Costs: | \$82,473.39 | \$83,571.29 |
| Products: | 1,382.00 | 1,382.00 |
| Work Hours: | 1,382.00 | 1,382.00 |
| Product Cost: | \$59.68 | \$60.47 |
| Work Hours/Product: | 1.00 | 1.00 |
| Totals for Service Delivery Plan 31307 - Service Response | | |
| Costs: | \$647,772.51 | \$658,385.38 |
| Hours: | 9,947.50 | 9,947.50 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31308 - Management and Support Services

Support the operation of the Water Supply and Distribution program, by:

- -Responding to citizen service requests in a prompt and courteous manner,
- -Maintaining complete and thorough records to assist operations,
- -Providing timely and accurate administrative support services,
- -Actively managing the day to day operations of staff,
- -Providing training to enhance staff skills, and
- -Supporting staff certification and licensing as required by job descriptions.

Program 313 - Water Supply and Distribution

Service Delivery Plan 31308 - Management and Support Services

| Activity 313800 - Management and Supervisory Services | \$262,453.28 | |
|----------------------------------------------------------------------------------------------------------------------|-------------------|--------------|
| D 1 . AW 111 | \$262.452.28 | |
| Product: A Work Hour | \$262.452.29 | |
| Costs: | \$202,433.20 | \$270,442.74 |
| Products: | 2,922.00 | 2,922.00 |
| Work Hours: | 2,922.00 | 2,922.00 |
| Product Cost: | \$89.82 | \$92.55 |
| Work Hours/Product: | 1.00 | 1.00 |
| Activity 313810 - Administrative Support Services - Including Clerical Staff Hours | | |
| Product: A Work Hour | | |
| Costs: | \$258,647.83 | \$262,927.57 |
| Products: | 4,012.00 | 4,012.00 |
| Work Hours: | 4,012.00 | 4,012.00 |
| Product Cost: | \$64.47 | \$65.54 |
| Work Hours/Product: | 1.00 | 1.00 |
| Activity 313820 - Staff Training and Development - Including Tailgate Meetings, Certifications and Operations/Safety | y Related Classes | |
| Product: A Training Session Attended | | |
| Costs: | \$105,907.66 | \$107,811.55 |
| Products: | 1,135.00 | 1,135.00 |
| Work Hours: | 1,510.00 | 1,510.00 |
| Product Cost: | \$93.31 | \$94.99 |
| Work Hours/Product: | 1.33 | 1.33 |

Program 313 - Water Supply and Distribution

Service Delivery Plan 31308 - Management and Support Services

| | | 2006/2007 Proposed | 2007/2008 Proposed |
|-------------------------------------------------|--------------------------------|-----------------------|-----------------------|
| Activity 313830 - Certification/Commer | cial Licenses Pay Differential | | |
| Product: A Certi | ficate/License | | |
| | Costs: | \$25,061.44 | \$25,061.44 |
| | Products: | 14.00 | 14.00 |
| | Work Hours: | 0.00 | 0.00 |
| | Product Cost: | \$1,790.10 | \$1,790.10 |
| | Work Hours/Product: | 0.00 | 0.00 |
| Totals for Service Delivery Plan 31308 - Manage | ment and Support Services | | |
| | Costs: | \$652,070.21 | \$666,243.30 |
| | Hours: | 8,444.00 | 8,444.00 |
| Totals for Program 313 | Costs: | \$17,950,728.67 | \$18,515,968.82 |
| | Hours: | 57,352.00 | 57,352.00 |

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